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December 29, 2003

ATTORNEY DOCKET NO.: INTEL1200 (P18025)

ATTN: MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the new Utility patent application of:

APPLICANT(S): Selena Chan and Tae-Woong Koo

**TITLE: DETECTION OF BIOMOLECULES USING POROUS
BIOSENSORS AND RAMAN SPECTROSCOPY**

Enclosed are the following papers, including all those required to receive a filing date under
37 CFR § 1.53(b):

Number of Pages

Application Cover Sheet	1
Specification	30
Claims	9
Abstract	1
Drawing(s)	6

"EXPRESS MAIL" Mailing Label Number: EV 318 738 545 US
Date of Deposit: December 29, 2003

I hereby certify under 37 CFR § 1.10 that this correspondence is
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Application, Commissioner for Patents, P.O. Box 1450, Alexandria,
VA 22313-1450.

Jason Berry
Jason Berry

GRAY CARY WARE & FREIDENRICH LLP

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Enclosure(s):

- Declaration and Power of Attorney for Patent Application (6 pages)(signed);
- Assignment (4 pages)(signed);
- Assignment cover sheet (1 page);
- Check No. 550168 in the amount of \$40.00 (Assignment Recordation Fee);
- Application Data Sheet (2 pages)
- Check No. 550167 in the amount of \$1,826.00.
- Return Receipt Postcard

The filing fee is calculated as follows:

Applicant(s) claim **LARGE ENTITY status** in the above-identified application.

	Number Filed		Number Extra		Rate			Fee	
					Large Entity	Small Entity		Large Entity	Small Entity
Total Claims	53-20	=	33	X	\$18	\$09	=	\$ 594.00	\$ 0.00
Independent Claims	5 -3	=	2	X	\$86	\$43	=	\$ 172.00	\$ 0.00
Multiple Dependent Claims Presented: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					\$290	\$145		\$ 290.00	\$ 0.00
					BASIC FEE			\$ 770.00	\$385.00
					TOTAL FEE			\$1826.00	\$ 0.00

Check No. 550167 in the amount of \$1,826.00 is enclosed as payment of the **FILING FEE**. Check No. 550168 in the amount of \$40.00 is enclosed as payment of Assignment recordation. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the attorney docket number shown above. A copy of this Transmittal Sheet is enclosed.

GRAY CARY WARE & FREIDENRICH LLP

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If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

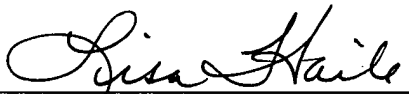
A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

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Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP



Lisa A. Haile, J.D., Ph.D.
Registration No. 38,347

December 29, 2003
Date

LAH/JML:mmh
Enclosures